

CLAIMS

1. An unmanned vehicle which is adapted to be used in a stable (1), such as a cowshed, characterized in that the vehicle (3) is provided with detection means (4) for determining the climate in the stable (1).

5 2. An unmanned vehicle as claimed in claim 1, characterized in that the detection means (4) comprise a temperature sensor (7).

10 3. An unmanned vehicle as claimed in claim 1 or 2, characterized in that the detection means (4) comprise an air velocity sensor (8).

15 4. An unmanned vehicle as claimed in any one of claims 1 to 3, characterized in that the detection means (4) comprise a gas sensor (9).

20 5. An unmanned vehicle as claimed in claim 4, characterized in that the gas sensor (9) is constituted by an ammonia sensor.

25 6. An unmanned vehicle as claimed in any one of the preceding claims, characterized in that the detection means (4) comprise a sensor (11) for determining the light intensity.

7. An unmanned vehicle as claimed in any one of the preceding claims, characterized in that the detection means (4) comprise an air pressure sensor (12) and/or an air humidity sensor (10).

30 8. An unmanned vehicle as claimed in any one of the preceding claims, characterized in that the detection means (4) are disposed at different levels on a carrier.

9. An unmanned vehicle as claimed in any one of claims 1 to 7, characterized in that the detection means (4) are disposed on a carrier (5) which is adjustable in height relative to the vehicle.

35 10. An unmanned vehicle as claimed in any one of the preceding claims, characterized in that the unmanned vehicle (3) is provided with a data processing unit for storing the data from the sensors (7 to 12).

11. An unmanned vehicle as claimed in any one of the preceding claims, characterized in that the unmanned vehicle (3) comprises a processing unit and/or a control unit for processing and/or registering data from the sensors.

5 12. An unmanned vehicle as claimed in any one of the preceding claims, characterized in that the unmanned vehicle (3) is provided with alarm means for emitting an alarm signal when the climate in the stable has become uncontrollable.

10 13. An unmanned vehicle as claimed in any one of the preceding claims, characterized in that the unmanned vehicle (3) comprises a transmitter unit for transmitting the data from the sensors and/or the control signals derived from the data from the sensors to a registration and/or control unit.

15 14. An unmanned vehicle as claimed in any one of the preceding claims, characterized in that the unmanned vehicle (3) is provided with navigation means for guiding the unmanned vehicle (3) through the stable.

20 15. An unmanned vehicle as claimed in any one of the preceding claims, characterized in that the unmanned vehicle (3) comprises an animal identification system and/or a camera and/or a radar.

25 16. An unmanned vehicle as claimed in any one of the preceding claims, characterized in that the data collected by the unmanned vehicle are stored in a data management system.

17. An unmanned vehicle as claimed in any one of the preceding claims, characterized in that the quantities of feed and/or the composition of the feed to be supplied to the animals are/is altered when the climate in the stable changes.

30 18. An unmanned vehicle as claimed in claim 17, characterized in that the quantity of feed to be supplied to the animals is increased when the temperature in the stable has fallen below approximately 4°C.